BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Rajarajeshwarinagara Division, Rajarajeshwarinagara Zone, Bangalore

MODIFIED SCHEDULE-B

Name of Work: Renovation and upgradation of Ambedkar Samudaya bhavana in Sidartha Nagara in Ward No 16

Sl.No	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
1	1692.05	KSRB 24-1 : Removing white wash or colour wash by steel brushing and / or scraping, sand papering and preparing wall surface smooth including repairs to scraches, including cost of material, labour, complete as per specifications. Specification No.KBS	Sqm	10.00	Rupees Ten Only
	266.42	Qty Above 125%		10.11	Rupees Ten And Paise Eleven Only
2	30.00	KSRB 2-1 : Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 KSRB 2-1.1: – do – Ordinary soil	Cum	280.00	Rupees Two Hundred Eighty Only
	1186.80	.-do- Qty Above 125%		279.68	Rupees Two Hundred Seventy Nine And Paise Sixty Eight Only
3	74.88	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. KSRB 2-2.1: – do – in ordinary soil. No. KBS 2.1(a) / 2.3.5	Cum	336.00	Rupees Three Hundred Thirty Six Only
	22.66	.-do- Qty Above 125%		335.84	Rupees Three Hundred Thirty Five And Paise Eighty Four Only

Rangalhaaman

Scanned with CamScanner

	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
4	8.63	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix M7.5 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	5731.00	Rupees Five Thousand Seven Hundred Thirty One Only
	2.13	.-do- Qty Above 125%		5730.57	Rupees Five Thousand Seven Hundred Thirty And Paise Fifty Seven Only
5	20.13	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Sqm	6790.00	Rupees Six Thousand Seven Hundred Ninety Only
	5.93	.-do- Qty Above 125%		6789.74	Rupees Six Thousand Seven Hundred Eighty Nine And Paise Seventy Four Only
6	60.63	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	328.00	Rupees Three Hundred Twenty Eight Only
	71.52	.-do- Qty Above 125%		327.97	Rupees Three Hundred Twenty Seven And Paise Ninety Seven Only
7	0.00	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. Specification No. KBS 4.6.2	Sqm	494.00	Rupees Four Hundred Ninety Four Only

Rangalhaamraa

Scanned with CamScanner

	Est. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
	2.12	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Sqm	557.00	Rupees Five Hundred Fifty Seven Only
9	2.34	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for chajja, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	363.00	Rupees Three Hundred Sixty Three Only
10	1.54	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 - do - TMT bars Fe 500	Tonne	79709.00	Rupees Seventy Nine Thousand Seven Hundred Nine Only
11	27.01	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 KSRB 5.2-2 : - do - cement mortar 1:8	Cum	6159.00	Rupees Six Thousand One Hundred Fifty Nine Only
12	25.84	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9	Cum	226.00	Rupees Two Hundred Twenty Six Only
13	106.61	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x150x200mm	Sqm	1038.00	Rupees One Thousand Thirty Eight Only
14	0.00 (partition wall)	KSRB 5-15: Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4	Sqm	911.00	Rupees Nine Hundred Eleven Only
15	52.00	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	310.00	Rupees Three Hundred Ten Only

Rangalkeerthana

Scanned with CamScanner

	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
	214.19	KSRB15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to 1:4 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	293.00	Rupees Two Hundred Ninety Three Only
17	35.50	KSRB15-3 :Providing 12mm thick cement plaster in single coat with cement mortar, 1:3 to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification.	Sqm	264.00	Rupees Two Hundred Sixty Four Only
18	475.38	Providing INTEGRAL CRYSTALINE Waterproofing treatment to the sunken portion of Toilets. Using Crystalline Slurry of approved make @ 1.4kg per SQM in two coats (0.7 kg per sqm per coat) conforming to ASTM C 1202 & DINV 18998 standards.	Sqm	562.00	Rupees Five Hundred Sixty Two Only
19	10.08	Providing & fixing factory made 30mm PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	Sqm	526.00	Rupees Five Hundred Twenty Six Only
20	10.08	Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges.	Sqm	3119.00	Rupees Three Thousand One Hundred Nineteen Only
21	2.22	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c/c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12	Sqm	4378.00	Rupees Four Thousand Three Hundred Seventy Eight Only

Rangalhamnar

Scanned with CamScanner

Sl.N	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
22	44.70	KSRB 8.2 : Providing and fixing in position black cuddapah slab / Shahabad slab / Thandur blue slab 4 cms thick for roofing laid to line and level over wooden rafters or R.C.C. battens pointing exposed joints with cement mortar 1:4 including cost of materials, labour, curing complete as per specifications. (wooden rafters and R.C.C. battens to be paid seperately) 7.12	Sqm	714.00	Rupees Seven Hundred Fourteen Only
23	94.23	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS	Sqm	1359.00	Rupees One Thousand Three Hundred Fifty Nine Only
24	74.77	KSRB 14-17.2 : Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Colour glazed tiles 15x15 cms 6mm thick	Sqm	1428.00	Rupees One Thousand Four Hundred Twenty Eight Only
25	811.25	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	133.00	Rupees One Hundred Thirty Three Only
	72.63	.-do- Qty Above 125%		132.54	Rupees One Hundred Thirty Two And Paise Fifty Four Only
26	87.50	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. KSRB 15-14.4 : Extra over Item 15-14.3 for applying one coat with oil bound washable distemper on ceiling and / or sloping roof as per specifications.	Sqm	114.00	Rupees One Hundred Fourteen Only
	626.26	.-do- Qty Above 125%		123.55	Rupees One Hundred Twenty Three And Paise Fifty Five Only
27	523.83	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. KSRB 15-14.4 : Extra over Item 15-14.3 for applying one coat with oil bound washable distemper on ceiling and / or sloping roof as per specifications.	Sqm	115.00	Rupees One Hundred Fifteen Only

Rangalhamma

Scanned with CamScanner

Sl.N	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
28	68.82	Providing & fixing of 2 track x 2 panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPV(Thermo Plastic Vulcanized) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through out the window frame. The outer frame having a overall size of 44mm width x 40mmheight with reinforcement of 1mm thickness and Sash with overall size of 27mm X 53mm with UPVC honeycomb structureinside in lieu of GI reinforcement. Glazing bead for fixing of glass shall be of size 9.5mm x 21.5mm. Windows shall be provided with 5mm plain float glass, standardhardware& single point locking system with Crescent Locks. Wall thickness of frame & sash shall be of 2 mm.Maximum possible size - 1219mm x 1219mm.	Sqm	5523.00	Rupees Five Thousand Five Hundred Twenty Three Only
29	2.00	KSRB 11-3 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Each	1495.00	Rupees One Thousand Four Hundred Ninety Five Only
30	2.00	KSRB 11-7.1 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications, Specification No. KBS 11	Each	3450.00	Rupees Three Thousand Four Hundred Fifty Only
31	8.00	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).	Each	281.00	Rupees Two Hundred Eighty One Only
32	8.00	KSRB13-6.1 : Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 KSRB13-6.1-2 - do - 20 mm dia nominal bore	Each	194.00	Rupees One Hundred Ninety Four Only
33	3.00	KSRB 11-11 : Providing and fixing white vitreous china clay, flat back wash basin with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications, Specification No. KBS 11	Nos	3393.00	Rupees Three Thousand Three Hundred Ninety Three Only
34	30.00	KSRB13-8 : Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection KSRB 13-8.7 : -do- 75mm	Mtrs	366.00	Rupees Three Hundred Sixty Six Only

Rangalhamman

Scanned with CamScanner

Sl.No	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
35	45.00	KSRB13-8 : Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection KSRB 13-8.8 : -do- 90mm	Mtrs	427.00	Rupees Four Hundred Twenty Seven Only
36	35.00	KSRB13-8 : Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection KSRB 13-8.9 : -do- 110mm	Mtrs	505.00	Rupees Five Hundred Five Only
37	15.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 15mm nominal OD pipes	Mtrs	231.00	Rupees Two Hundred Thirty One Only
38	45.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls) 20mm nominal OD pipes	Mtrs	264.00	Rupees Two Hundred Sixty Four Only
39	10.00	KSRB13-6.3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 KSRB13-6.3-2 - do - 20 mm dia nominal bore	Nos	377.00	Rupees Three Hundred Seventy Seven Only
40	10.00	KSRB13-6.3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 KSRB13-6.3-2 - do - 25 mm dia nominal bore	Nos	504.00	Rupees Five Hundred Four Only
41	2000.00	Supplying water storare tanks made of virgin polymer (LLDPE) with two layers outer black oe blue and inner white layer of approved quality and make, conforming to I.S.I/ISO/SSI	Nos	7.00	Rupees Seven Only
42	85.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work).20mm nominal OD pipes	Mtrs	164.00	Rupees One Hundred Sixty Four Only

Rangalhamma

Scanned with CamScanner

SN	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
43	45.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work).25mm nominal OD pipes	Mtrs	201.00	Rupees Two Hundred One Only
44	45.00	KSRB13-9 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No. KBS 13.2.15.2 / 13.9 KSRB 13-8.9 : -do- 110mm	Mtrs	264.00	Rupees Two Hundred Sixty Four Only
45	15.00	Providing stoneware gully trap of approved quality and make fixing in M 15 and plastering with CM 1:3 wherever necessary.(Rate includes cost of all materials, fixtures and lead). -do- 15cms x 10cms	Each	213.00	Rupees Two Hundred Thirteen Only
46	3.75	KSRB 12-8.1 : Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS – do – 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm	Nos	9536.00	Rupees Nine Thousand Five Hundred Thirty Six Only
	2.25	.-do- Qty Above 125%		7934.28	Rupees Seven Thousand Nine Hundred Thirty Four And Paise Twenty Eight Only
47	0.00	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand Pump, MWS or P.W.S.S. by vertical electrical sounding by adopting Venner or chlumbergers's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground Water in the vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation for proper seating of casing pipe, depth of 1.00 mtr in concolidated formation proper seating of casing pipe deapth depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc.tion 50 in cement mortar 1:5, C.I cover withframe (light duty)	Nos	3919.00	Rupees Three Thousand Nine Hundred Nineteen Only

Borewell

Rangalhamma

Scanned with CamScanner

Sl No	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
48	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 0.00 to 50.00 mtr	Rmt	361.00	Rupees Three Hundred Sixty One Only
49	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 50.00 to 100.00 mtr	Rmt	460.00	Rupees Four Hundred Sixty Only
50	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 100.00 to 150.00 mtr	Rmt	474.00	Rupees Four Hundred Seventy Four Only
51	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 150.00 to 200.00 mtr	Rmt	557.00	Rupees Five Hundred Fifty Seven Only
52	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 200.00 to 250.00 mtr	Rmt	659.00	Rupees Six Hundred Fifty Nine Only

Rangalhamma

Scanned with CamScanner

	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
53	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 250.00 to 300.00 mtr	Rmt	728.00	Rupees Seven Hundred Twenty Eight Only
54	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 300.00 to 350.00 mtr	Rmt	858.00	Rupees Eight Hundred Fifty Eight Only
55	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 350.00 to 400.00 mtr	Rmt	936.00	Rupees Nine Hundred Thirty Six Only
56	0.00	Sinking of bore well of 165mm dia clear using supar fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20mtr, fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle crew charges cost of consumables etc., complete including yield testing at the final depth with a minimum working compressor for one hour (Excluding cost of casing pipes, collars & cap etc.) 400.00 to 420.00 mtr	Rmt	1174.00	Rupees One Thousand One Hundred Seventy Four Only
57	0.00	Providing and fixing 250mm dia PVC (casing pipe) complete as per the direction of engineer in charge. Complete as per the direction of Engineer in charge with all lead and lift	Rmt	2704.00	Rupees Two Thousand Seven Hundred Four Only
58	0.00	Supply of ISI mark 175mm nominal board medium blockERW casing pipe of 5mm thick block in electric resistance continuous welding mild steel tube material confirming to IS 1387/1993 & manufactured by basic open hearth electric or basic okygen process in random length of 5 to 7mts.Both ends threaded confirming toIS554/1985.One end fixed with a socket confirming to IS 4270;2001 and the other end srewed pipes.All pipes shall be reasonably straiget shoud be with ISI marking weighing 25.10kg/mtr.(incluses of all taxes)	Rmt	1378.00	Rupees One Thousand Three Hundred Seventy Eight Only
59	0.00	Supplying of 175 mm dia MS Collar	Nos	156.00	Rupees One Hundred Fifty Six Only

Rangulhamma

Scanned with CamScanner

Sl No	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
60	0.00	Supplying of 175 mm dia MS Cap	Nos	104.00	Rupees One Hundred Four Only
61	1.00	Atalanta Suguna CRI Kirloskar and other equipments Pump 10.00HP/7.5KV (20Satge) Complete as per the direction of Engineer in charge with all lead and lift	Nos	51953.00	Rupees Fifty One Thousand Nine Hundred Fifty Three Only
62	0.00	KSRB13-3.1: Providing and fixing in trenches galvanised / mild steel tubes (medium grade) nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.6 KSRB13.3.6 - do - 50 mm dia	Rmt	428.00	Rupees Four Hundred Twenty Eight Only
63	0.00	Supply and drawing 3 core flat PVC Sheathed submersible pump cable manufactured with eloctrolytic grade copper conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming attwached GTP of group A 3C X 6.0 sqmm	Rmt	132.00	Rupees One Hundred Thirty Two Only
64	0.00	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	1399.00	Rupees One Thousand Three Hundred Ninety Nine Only
65	0.00	Supply and fixing 50mm GI Union.	Nos	233.00	Rupees Two Hundred Thirty Three Only
66	0.00	Supply and fixing 50mm GI Elbow	Nos	116.00	Rupees One Hundred Sixteen Only
67	0.00	Supply and fixing 50mm GI Nipple.	Nos	108.00	Rupees One Hundred Eight Only
68	0.00	Supply and fixing 50mm GI House Collars.	Nos	107.00	Rupees One Hundred Seven Only
69	0.00	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank with front plank one end provided for holding at other end fixing the same of the valve using through bolts and nuts	Nos	182.00	Rupees One Hundred Eighty Two Only
70	0.00	Supplying and fixing regular MCB distribution boards on wall/ wood board / Flush mounting using required clamps, bolts , nuts with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG M.S enclosure. 12A SP and N	Nos	2469.00	Rupees Two Thousand Four Hundred Sixty Nine Only
71	0.00	Supplying of TPST with rewireable porcelain channels in SM encloser made out of 14 SWG powder coated paint of approved colour 32 amps Group A	Nos	1872.00	Rupees One Thousand Eight Hundred Seventy Two Only
72	0.00	Supplying and fixing LED type pannel board indicating lamp with required colous suitable for 220 V AC 50Hz 12/24V DC	Nos	447.00	Rupees Four Hundred Forty Seven Only

Rangeelhanmar

Scanned with CamScanner

	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
73	0.00	Suppling fully automatic star delta starter unit buttom type with suitable wires 2 conductors and adjestable thermal timer mounted on a common base plate held in steel enclosure foe use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto 12.5HP	Nos	6656.00	Rupees Six Thousand Six Hundred Fifty Six Only
74	0.00	Supplying and fixing singal phase preventer using necessary wires pver an exisiting panel board suitable for motor up to 12 HP Capacities	Nos	775.00	Rupees Seven Hundred Seventy Five Only
75	0.00	Wiring for lightnening/ power circuit using one of FRLS PVC Insulated 1100 V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 and confirming to the attatched GTP of group A. 4Sqmm.	Mtrs	47.00	Rupees Forty Seven Only
76	0.00	Supplying fixing and wiring heavy duty low voltage capacitor conforming to IS 2834 phase 400/440 voltsgrade, for power factor improvement of rotating machi	Nos	416.00	Rupees Four Hundred Sixteen Only
77	0.00	Supplying and fixing wiring earth electrode for grounding conduits IC Cutouts and other equipments on the meter board using 40mm dia 2.90mm thick G.I. pipe 2.5Mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connections from the pipe to the conduit etc., is to be established though GI wire of size as per ISi specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc., the pipe shall have 16though holes of 12mm dia .	Nos	3120.00	Rupees Three Thousand One Hundred Twenty Only
78	0.00	Digging or trenching of0.36 deep x 0.5 m wide refilling the trench to the required ground level and consolidating etc.,	Mtrs	106.00	Rupees One Hundred Six Only
79	0.00	Supplying laying of 1.1KV class L.TU.G Cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (except 2C X 10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554, Part -1:1988 & confirming to the attached GTP of Group A 3.5 core to 25 Sqmm	Mtrs	156.00	Rupees One Hundred Fifty Six Only
80	0.00	Labour Charges for laying of 1.1 K.V class UG cable in existing trench GI pipe/stoneware pipe/on wall/om poles as required in existing trench/duct 6Sqmm to 16 sqmm	Nos	12.00	Rupees Twelve Only
81	0.00	Supplying and fixing Class A (Medium duty) -GI pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping arrangements for UG Cable of 1.1KV class 65mm	Rmt	348.00	Rupees Three Hundred Forty Eight Only
82	0.00	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen / insulating compound complete. With terminals, clamps, bolts nuts and washers etc., complete for 16 Sqmm as per specificatio	Nos	281.00	Rupees Two Hundred Eighty One Only
83	0.00	Supplying and fixing Porcelain fuse channel with cut out on the existing wooden block & wiring complete 32 amps	Nos	236.00	Rupees Two Hundred Thirty Six Only
84	0.00	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202	Cum	991.00	Rupees Nine Hundred Ninety One Only

Rangalhamma

Scanned with CamScanner

	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
85	40.10	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. KSRB 2-2.2 : --do-- in hard soil. No. KBS 2.1(b) / 2.3.5	Cum	495.00	Rupees Four Hundred Ninety Five Only
86	277.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one.step solvent cement, trenching, refilling & testing of joints complete. (external work). 50mm nominal OD pipes	Mtrs	476.00	Rupees Four Hundred Seventy Six Only
87	2.00	KSRB13-4.1 : Making connection of G.I distribution branch with G.I main of 25 to 40mm nominal bore, including cutting and threading the pipes, providing and fixing Tee, nuts, labour for all item of works, testing and HOM complete as per specifications. Specification No.KBS 13.10	Each	532.00	Rupees Five Hundred Thirty Two Only
88	22.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). 50mm nominal OD pipes	Mtrs	173.00	Rupees One Hundred Seventy Three Only
89	160.00	KSRB13-8 : Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection KSRB13-8.2 - do - 25 mm dia	Mtrs	142.00	Rupees One Hundred Forty Two Only
90	33.41	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	133.00	Rupees One Hundred Thirty Three Only
91	48.45	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	Cum	102.00	Rupees One Hundred Two Only
	55.77	.-do- Qty Above 125%		124.68	Rupees One Hundred Twenty Four And Paise Sixty Eight Only
92	1.00	KSRB13-6.3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3KSRB13-6.3-6 - do - 50 mm dia nominal	Each	1917.00	Rupees One Thousand Nine Hundred Seventeen Only

Rangalhamma

Scanned with CamScanner

	App. Qty	Description	Unit	Approved Rates quoted by Sri.Ishwar N Naik	
				In Figures	In Words
	2.00	KSRB13-6.2 : Providing and fixing in position brass stop cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	Each	155.00	Rupees One Hundred Fifty Five Only
94	20.05	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	5624.00	Rupees Five Thousand Six Hundred Twenty Four Only
95	20.05	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M20 for R.C.C works laid in 15 cms thick layers and well compacted by vibrating, curing, for foundations & sub-structure works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)	Cum	5941.70	Rupees Five Thousand Nine Hundred Forty One And Paise Seventy Only
		EIRL			
E-1	68.82	Providing and fixing mosquito mesh to mesh to windows with 7.5 mm to 1.25 mm thick Honne wood petties including labour charges etc., complete. (P.64, It.No.9.99)	Sqm	921.02	Rupees Nine Hundred Twenty One And Paise Two Only
E-2	75.60	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. - do - 10 cms thick (P.27, It.No.5.31.2)	Sqm	1024.36	Rupees One Thousand Twenty Four And Paise Thirty Six Only
E-3	75.60	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13 (P.26, It.No.5.17)	Sqm	1007.51	Rupees One Thousand Seven And Paise Fifty One Only
E-4	429.00	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. Wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13 (P.26, It.No.5.22)	Sqm	65.15	Rupees Sixty Five And Paise Fifteen Only

Signature of the Contractor

Executive Engineer
RR Nagara Division, RR Nagara Zone
BBMP, Bangalore

Scanned with CamScanner